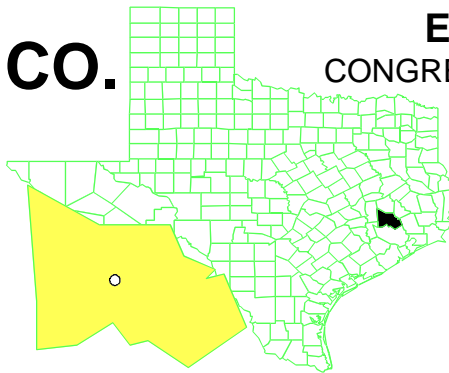


UNITED CREOSOTING CO. TEXAS

EPA ID# TXD980745574



EPA REGION 6
CONGRESSIONAL DISTRICT 08

Site Description

Location: ! Conroe, Montgomery County

Population: Approximately 13,000 people live within two-miles of the site.

Setting: ! Nearest drinking water well is 1.8 miles southeast of the site, so the ground surface.
! Site is now half residential, half commercial; approximately 100 on the site.
! The site is approximately 100 acres.
! Two waste lagoons are on-site, but are now covered.

Hydrology: ! Shallow water-bearing zone is 25 feet deep, not currently used.
! First water-bearing zone used for domestic supply: 100 ft.
! City of Conroe water supply: 400-1000 feet below surface.

Wastes and Volumes

PRINCIPAL POLLUTANTS:

! Pentachlorophenol - in soil (up to 1,100 ppm) and ground water (50
! Creosote compounds - in soil (up to 15,000 ppm) and ground water

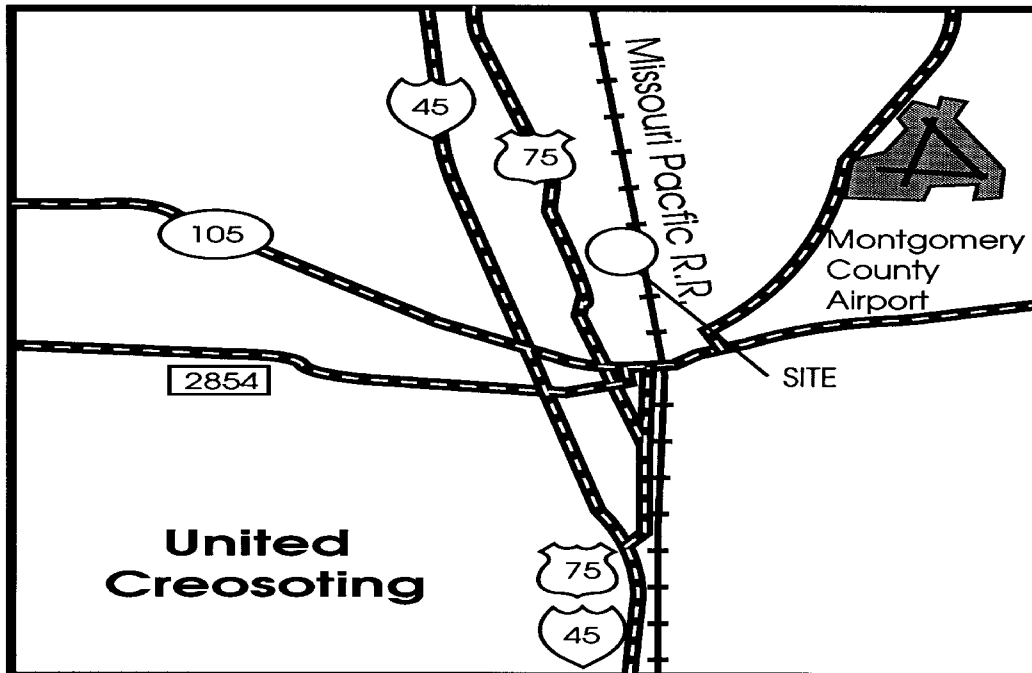
VOLUME:

! 13,000 cubic yards of soil in two surface lagoons.
! 67,250 cubic yards of contaminated soil
! 43,000,000 gallons of contaminated ground water

Site Assessment and Ranking

NPL LISTING HISTORY
Site HRS Score: 37.29
Proposed Date: 9/08/83
Final Date: 9/21/84
NPL Update: No. 1

Site Map and Diagram



The Remediation Process

Site History:

- ! United Creosoting operated from 1946 - 1972 as a wood treating facility.
- ! Redevelopment of abandoned site for commercial and residential use began.

Health Considerations:

- ! Residences were constructed on the site of an impoundment contaminated with creosote.

Other Environmental Risks:

- ! Shallow ground water is contaminated.

Record of Decision

Signed: September 30, 1986

- ! INTERIM REMEDY: Temporary Cap, Future Disposal

Other Remedies Considered

1. On-site landfill
2. On-site incineration
3. Off-site landfill
4. Off-site incineration
5. Permanent cap & slurry wall

Reason Not Chosen

Not permanent Remedy
 Potential public opposition
 No facility available
 Facility not yet available
 Not permanent remedy

Signed: September 29, 1989

- PERMANENT REMEDY: Critical Fluid Extraction and Reburial of Clean S
 Off-site Incineration of Liquid Organic Concentrate.

Other Remedies Considered

Reason Not Chosen

1. No Action	Inadequate protection of human health and environment.
2. Capping	If the caps are damaged or not maintained p risk from potential exposure to the untreate contaminants; inadequate protection of the environment [ground water].
3. On-site Incineration	This alternative was not favored by the com costs are higher for this alternative than the remedy.
4. Biological Treatment	The toxicity of dioxins and furans was not significantly affected by this treatment proc (treatability study).
5. Off-site Incineration	Transport and increased handling of the hig of contaminated soils create short-term risk considerations during implementation. In a the costs for this alternative were nearly 10 greater than those for the selected remedy.

Community Involvement

- Community Involvement Plan: Developed 5/84, revised 4/91.
- Open houses and workshops: 8/83, 2/84, 1/86, 8/86, 5/88, 12/89, 5/90, 7/90
 numerous open houses on relocation during 1991, 1992, and 1993.
- Proposed Plan Fact Sheets and Public Meetings: 8/86 (Interim), 7/89 (Per
- ROD Fact Sheet: 10/86 (Interim Remedy) and 11/89 (Permanent Remedy).
- EPA Fact Sheets: 3/87, 6/87, 3/88, 5/88, 2/89, 12/89, 1/90, 2/90, 4,5,6/90, 8,9
- TNRCC Fact Sheets: 3/88, 6/88, 3/89, 1/91, 4/91, 5/93, 1994
- Citizens on site mailing list: 232
- Constituency Interest: High interest concerning health hazards, decreasi
 for buyouts. Community interest lessening as remediation is completed.
- Site Repository: Montgomery County Library, 400 North San Jacinto, Conro

Technical Assistance Grant

- Availability Notice: 2/89, readvertised 9/90.
- Letters of Intent Received:
 - 1) Tanglewood Assistance Group - 9/27/89 (withdrawn)
- Grant Award: None
- Current Status: No apparent interest in applying for grant.

Fiscal and Program Management

- **Remedial Project Manager (EPA):** Earl Hendrick, 214-665-8519, Mail Code: 6SF-AP
- **State Contact:** (TNRCC) Jim Sher, 512-239-2444, Mail Code 144
- **Community Involvement Coordinator (EPA):** Donn Walters, 214-665-6483, Mail Code: 6SF
- **Attorney (EPA):** James L. Turner, 214-665-3159, Mail Code: 6SF-DL
- **State Coordinator (EPA):** Shirley Workman, 214-665-8522, Mail Code: 6SF-AP
- **Prime Contractor:** CF Systems (Contractor for contaminant removal) ACE (Ge Roy F. Weston (A&E))

Cost Recovery: EPA and State-Lead

- PRPs Identified: 10
- Viable PRP: 1
- Cost recovery possibility

Present Status and Issues

- Remediation of residential soils has been completed and yards restored, been eliminated.
- Remedial Action field activities in industrial started in December 1995.
- Deletion of the residential portion of the site from the NPL is anticipated i

Benefits

- The cleanup in the residential portion of the United Creosote Company S risks to human health from contaminated soil.